Journal of
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Bio-Additive Manufacturing in Materials Science

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Deadline for manuscript submissions:
20 April 2026

Message from the Guest Editors

Dear Colleagues,

It is already reported that additive manufacturing facilitates the development of devices with complex shapes/architectures, as well as tailored mechanical, functional and biological properties, for several biomedical applications.

In this context, additive manufacturing design and the material–design relationship play a crucial role in the development of advanced prostheses and 3D porous scaffolds for tissue engineering.

Accordingly, in the current Special Issue, we invite authors to submit papers with the aim of providing a complete view of current progress in this realm.

With a focus on "Bio-Additive Manufacturing in Materials Science", potential topics include, but are not limited to, the following:

- Additive manufacturing design;
- Three-dimensional/four-dimensional printing;
- Reverse engineering;
- Modeling and simulation;
- Artificial intelligence methods;
- Biomimetics and bioinspiration;
- Prosthesis and scaffold design for tissue engineering.

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Special Issue

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Editor-in-Chief

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Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials* (*JFB*) is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

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